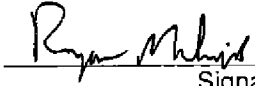


Client Code: INTMU.049A

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) *Please see attached Appendix A Additional name(s) of conveying party(ies) attached? (X) Yes () No	2. Name and address of receiving party(ies): Name: InterMune, Inc. Street Address: 3280 Bayshore Boulevard City: Brisbane State: CA ZIP: 94005 Additional name(s) of receiving party(ies) attached? () Yes (X) No
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) *Please see attached Appendix A	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 12/423,681 Filing Date: April 14, 2009 Additional numbers attached? () Yes (X) No
5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: INTMU.049A	6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between;"> <div> <u>Ryan E. Melnick</u> Name of Person Signing 58,621 Registration No. </div> <div>  Signature </div> <div> <u>6-26-09</u> Date </div> </div> Total number of pages including cover sheet, attachments and document: 10	

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Director, U.S. Patent and Trademark Office
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Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

CH \$40.00 111410 12423681

Appendix A. Name of conveying parties and corresponding execution date.

1. Scott D. Seiwert.....06/03/2009
2. Leonid Beigelman.....06/22/2009
3. Brad Buckman.....06/03/2009
4. Antitsa Dimitrova Stoycheva.....06/11/2009
5. Steven B. Porter06/09/2009
6. Williamson Ziegler Bradford06/10/2009
7. Vladimir Serebryany06/03/2009

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ASSIGNMENT

WHEREAS, We, Scott D. Seiwert, a US citizen, residing at 828 Rockaway Beach Ave., Pacifica, CA 94044, Leonid Belgelman, a US citizen, residing at 991 E. Grant Place, San Mateo, CA 94402; Brad Buckman, a US citizen, residing at 2042 Leimert Blvd., Oakland, CA 94602; Antitsa Dimitrova Stoycheva, a BG citizen, residing at 1566 Mizzen Lane, Half Moon Bay, CA 94019; Steven B. Porter, a US citizen, residing at 64 Mountain View Ave., Mill Valley, CA 94941; Williamson Ziegler Bradford, a US citizen, whose address is P.O. Box 566, Ross, CA 94957; and Vladimir Serebryany, a US citizen, residing at 1277 El Camino Real, Apt. 101, Burlingame, CA 94010, have invented certain new and useful improvements in a NOVEL MACROCYCLIC INHIBITORS OF HEPATITIS C VIRUS REPLICATION for which we have filed an application for Letters Patent in the United States, Application No. 12/423,681, Filed on April 14, 2009;

AND WHEREAS, InterMune, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3280 Bayshore Boulevard, Brisbane, CA 94005, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 61/045,220; 61/105,736; 61/105,751; 61/143,728; 61/150,693, filed April 15, 2008; October 15, 2008; October 15, 2008; January 9, 2009; February 6, 2009 (respectively if plural applications)), and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

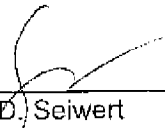
AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible

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to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of June, 2009



Scott D. Seiwert

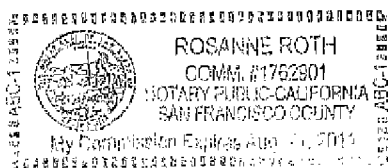
STATE OF California }
COUNTY OF San Mateo } ss.

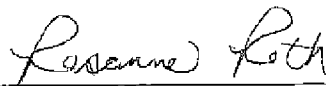
On June 3, 2009, before me, Rosanne Roth, notary public, personally appeared Scott D. Seiwert who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]





Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22nd day of June, 2009.


Leonid Beigelman

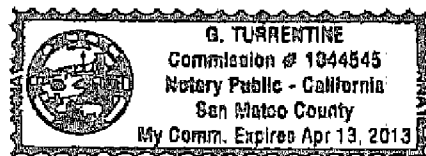
STATE OF California }
COUNTY OF San Mateo } ss.

On June 22, 2009, before me, G. Turrentine, notary public, personally appeared Leonid Beigelman who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]




G. Turrentine
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of
June, 2009


Brad Buckman

STATE OF ~~California~~
COUNTY OF ~~San Mateo~~

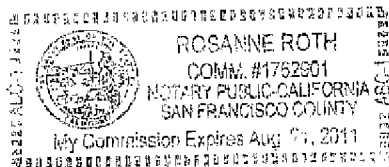
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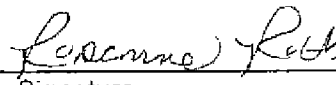
On June 3, 2009, before me, Rosanne Roth, notary public,
personally appeared Brad Buckman who proved to me on the basis of satisfactory evidence to
be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged
to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on
the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed
the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal, this 11 day of
June, 2009.

Antitsa D. Stoycheva
Antitsa Dimitrova Stoycheva

STATE OF ~~CALIFORNIA~~ }
COUNTY OF ~~SAN MATEO~~ } ss.

On June 17, 2009, before me, G. Turrentine, notary public, personally appeared Antitsa Dimitrova Stoycheva who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



G. Turrentine
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 09 day of JUNE, 2009

Steven B. Porter
Steven B. Porter

STATE OF CALIFORNIA
COUNTY OF SAN MATEO ss.

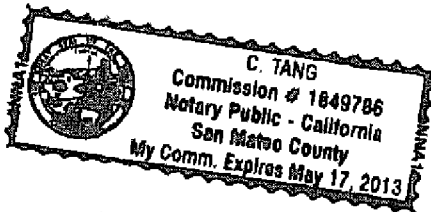
On 06/05/09, before me, C. Tang, notary public, personally appeared Steven B. Porter who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]

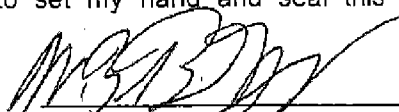
C. Tang
Notary Signature



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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of
JUNE, 2009


Williamson Ziegler Bradford

STATE OF CALIFORNIA
COUNTY OF SAN MATEO

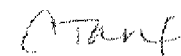
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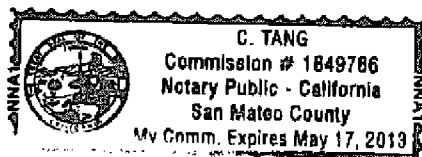
On 06/10/09, before me, C. TANG, notary public, personally appeared Williamson Ziegler Bradford who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]


Notary Signature



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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of
June, 2009

VS
Vladimir Serebryany

STATE OF California }
COUNTY OF San Mateo }

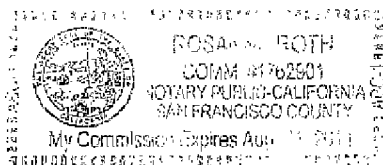
ss.

On June 3, 2009, before me, Rosanne Roth, notary public, personally appeared Vladimir Serebryany who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



Rosanne Roth
Notary Signature

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